

In the claims:

Following is a complete listing of the claims pending in the application, as amended:

1. (Original) A multidirectional transmission for a rotary hand-tool comprising:
  - a drive shaft having a first axis of rotation, said drive shaft being adapted to be detachably rotationally coupled to an output shaft of a rotary hand-tool;
  - a driven shaft having a second axis of rotation;
  - at least one intermediate shaft rotationally coupled between said drive shaft and said driven shaft via at least two universal joints; and
  - a housing adapted to receive said drive shaft, said at least one intermediate shaft and said driven shaft, said housing being adapted to allow the axis of rotation of the driven shaft to be adjustably inclined relative to the axis of rotation of the drive shaft and adjustably rotated thereabout the axis of rotation of the drive shaft.
2. (Original) A multidirectional transmission according to claim 1, wherein the housing is configured to be selectively angularly coupled to the rotary hand-tool about the axis of the output shaft of a rotary hand-tool.
3. (Original) A multidirectional transmission according to claim 2, wherein said housing is adapted to be coupled to the rotary hand-tool via a mounting attachment.
4. (Original) A multidirectional transmission according to claim 3, wherein said housing is rotationally engagable with the rotary hand tool via the mounting attachment about the axis of rotation of the output shaft of the rotary hand-tool.
5. (Original) A multidirectional transmission according to claim 4, wherein said housing is lockable at a predetermined angular position in relation to the axis of rotation of the output shaft of the rotary hand-tool.
6. (Currently amended) A multidirectional transmission according to claim 1, any one of the preceding claims, wherein said housing includes an input end adapted to receive said drive shaft and an output end adapted to receive said driven shaft, and said housing is articulated to allow said axis of rotation of the drive shaft to be adjustably varied relative to the axis of rotation of the driven shaft.

7. (Original) A multidirectional transmission according to claim 6, wherein the drive shaft is journaled to the housing at the input end of the housing, and the driven shaft is journaled to the housing at the output end.
8. (Currently amended) A multidirectional transmission according to claim 1, any one of the preceding claims, wherein said housing includes at least three substantially cylindrical housing elements arranged end to end, said housing elements having a passage formed therethrough lying substantially along a longitudinal axis of the housing and being adapted to receive the transmission shafts.
9. (Original) A multidirectional transmission according to claim 8, wherein the housing elements further include a seating surface lying in a plane inclined at oblique angle to the longitudinal axis of the housing element, wherein the relative orientation of adjacent housing elements is adjustable by rotation of the adjacent housing elements about the normal axis to said seating surface.
10. (Original) A multidirectional transmission according to claim 9, wherein said seating surface is adapted to abut a corresponding seating surface of an adjacent housing element.
11. (Currently amended) A multidirectional transmission according to claim 9, or claim 10 wherein said driven shaft and said drive shaft are articulated with respect to the at least one intermediate shaft such that the pivot axes of said universal joints are located in the plane of said seating surface.
12. (Original) A multidirectional transmission according to claim 11, wherein the planes in which the seating surfaces of adjacent housing elements lie form a supplementary angle with each other such that in a first relative orientation the housing elements are coaxial with respect to the longitudinal axes of housing elements.
13. (Currently amended) A multidirectional transmission according to claim 7, any one of claims 7 to 12, wherein the housing includes a lock locking means adapted to fix one housing element relative to an adjacent housing element to allow the axis of rotation of said drive shaft to be fixed relative to the axis of rotation of said driven shaft at a selected orientation.

14. (Currently amended) A multidirectional transmission according to claim 13, wherein said lock locking means includes a locking nut threadingly engageable with a first housing element and rotationally slidably engaged in relation to an adjacent housing element, wherein upon rotation of said locking nut, the first housing element and the adjacent housing elements are urged toward each other such that the housing elements are fixed relative to each other.

15. (Currently amended) A multidirectional transmission according to claim 14, wherein said lock locking means further includes a retainer member that retains for retaining said locking nut in relation to said adjacent housing element, said locking nut being rotationally slidably engaged with said retainer member, wherein upon rotation of said locking nut said locking nut is advanced toward said first housing element, and said retainer member is urged toward and abutted with said first housing element by said locking nut such that the housing elements are fixed relative to each other.

16. (Original) A multidirectional transmission according to claim 15, wherein said locking nut is engaged with said first housing element and said retainer member, and said retainer member is non-detachably engaged with said adjacent housing element in a manner such that upon release of said locking means by rotation of said locking nut, the housing elements are detained in a coupled relationship.

17. (Currently amended) A multidirectional transmission according to claim 1, any one of the preceding claims, further comprising at least one housing extension element detachably engageable with said housing, said housing extension element allowing use of an extended drive shaft and/or use of an extended driven shaft.

18. (Currently amended) A multidirectional transmission according to claim 1, any one of the preceding claims, wherein said housing includes a light source that provides an illumination means for providing light to a work area adjacent the transmission.

19. (Currently amended) A multidirectional transmission according to claim 1, any one of the preceding claims, wherein said housing includes a coolant delivery means for delivering coolant to a work area adjacent the transmission.

20. (Currently amended) A multidirectional transmission according to claim 1, ~~any one of the preceding claims~~, wherein said drive shaft, said driven shaft, said at least one universal joint and said housing are integrally formed.

21. (Currently amended) A multidirectional transmission according to claim 1, ~~any one of the preceding claims~~, wherein said driven shaft and said drive shaft are coupled with said housing to allow vibrational axial translation of said driven shaft and said drive shaft in relation to said housing.

22. (Original) A multidirectional transmission for a rotary hand-tool comprising:  
a driven shaft having a first axis of rotation, said driven shaft being rotationally engageable with an output shaft of a rotary hand-tool having a second axis of rotation via at least one intermediate shaft located between the driven shaft and the output shaft of the hand-tool via at least two universal joints; and

a housing adapted to receive said drive shaft, said at least one intermediate shaft and the output shaft of the hand-tool, said housing being adapted to allow the axis of rotation of the driven shaft to be adjustably inclined relative to the axis of rotation of the output shaft of the hand-tool and adjustably rotated thereabout the axis of rotation of the output shaft of the hand-tool.

23. (Original) A rotary hand-tool having a multidirectional transmission including:  
a driven shaft having a first axis of rotation, said driven shaft being rotationally engaged via at least one intermediate shaft via at least two universal joints with the drive shaft of the hand-tool having a second axis of rotation; and

a housing adapted to receive said drive shaft, said at least one intermediate shaft and said driven shaft, and being adapted to allow the axis of rotation of the driven shaft to be adjustably varied relative to the axis of rotation of the drive shaft said housing configured to be selectively angularly oriented relative to and about the drive shaft of the hand-tool.

24. (Original) A rotary hand-tool according to claim 23, wherein said driven shaft and said drive shaft are coupled with said housing to allow vibrational axial translation of said driven shaft and said drive shaft in relation to said housing.

25. (Currently amended) A rotary hand-tool according to claim 23 or ~~claim 24~~, wherein the hand-tool is driven by electrical, pneumatic, hydraulic or manual means, and is adapted to drive a rotationally driveable device including a screw, a bolt, a nut, a fastener, a stud or a drill bit.

26. (Currently amended) A rotary hand-tool according to ~~claim 23, any one of claims 23 to 25~~, wherein the rotary hand-tool includes a bi-directional drive device.

27. (Currently amended) A rotary hand-tool according to ~~claim 23, any one of claims 23 to 26~~, wherein the rotary hand-tool includes an axial vibrational drive.

28. (Currently amended) A rotary hand-tool according to ~~claim 23, any one of claims 23 to 27~~, wherein said transmission includes an engagement means for engagement with a tool bit.

29. (Currently amended) A rotary hand-tool according to ~~claim 23, any one of claims 23 to 28~~, wherein said housing is formed integrally with the rotary hand-tool.

30. – 31. (Cancelled)